Toxicology Data Management System

Contract/Lab: All Laboratories

Tumor Incidence for Selected Control Animal Groups

Page: 291

Report Date: 05/04/2011

Species: MICE Strain: B6C3F1 Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Study Summary

Laboratory Name	Study Number	Study Start Date	Length of Study in Days	Number of Animals Total and (#/Cage)	Number Surviving and (Mean Life Span)	Maximum Mean Weekly Body Weight	Chemical
					Male		
Southern Research Institute	058813308	12/13/04	729	50(1)	30(665)	54.9	Trimethylolpropane triacrylate
					Female		
Southern Research Institute	058813308	12/13/04	732	50(1)	39(712)	66.6	Trimethylolpropane triacrylate

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

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			Male			Female			
#All Organs: Benign Tumors		37/50 (74%)				41/50 (82%)			
Overall Incidence	Total	37/50 (74%)	Mean 74%	SD 0%	Total	41/50 (82%)	Mean 82%	SD 0%	
#All Organs: Malignant Tumors		38/50 (76%)				38/50 (76%)			
Overall Incidence	Total	38/50 (76%)	Mean 76%	SD 0%	Total	38/50 (76%)	Mean 76%	SD 0%	
#All Organs: Malignant and Benign Tu		46/50 (92%)				47/50 (94%)			
Overall Incidence	Total	46/50 (92%)	Mean 92%	SD 0%	Total	47/50 (94%)	Mean 94%	SD 0%	
#All Organs: Hemangioma		0/50 (0%)		OD 004	-	0/50 (0%)		OD 004	
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#All Organs: Hemangiosarcoma		0/50 (400/)				0/50 /40/			
Overall Incidence	Total	6/50 (12%) 6/50 (12%)	Mean 12%	SD 0%	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	
#All Organs: Hemangiosarcoma or He		6/50 (12%)				2/50 (4%)			
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

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Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 293

Mean 0%

SD 0%

Report Date: 05/04/2011

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #All Organs: **Histiocytic Sarcoma** 0/50 (0%)2/50 (4%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 2/50 (4%) Mean 4% SD 0% #All Organs: Malignant Lymphoma: Histiocytic, Lymphocytic, Mixed, NOS, or Undifferentiated Cell Type 20/50 (40%)**Overall Incidence** Total 2/50 (4%) Mean 4% SD 0% Total 20/50 (40%) Mean 40% SD 0% #All Organs: Mesothelioma: Benign 0/50 (0%)0/50 (0%)Overall Incidence Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #All Organs: Mesothelioma: Benign, Malignant, NOS 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% **#All Organs:** Mesothelioma: Malignant 0/50 (0%)0/50 (0%)Overall Incidence Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #All Organs: Osteoma 0/50 (0%)0/50 (0%)

SD 0%

Total

0/50 (0%)

Total

0/50 (0%)

Mean 0%

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

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			Male				Female			
#All Organs: Osteosarcoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#All Organs: Osteosarcoma or Osteoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Adrenal Cortex: Adenoma		6/50 (12%)				0/50 (0%)				
Overall Incidence	Total	6/50 (12%)	Mean 12%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Adrenal Cortex: Plasma Cell Tumor Malignar		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Adrenal Medulla: Pheochromocytoma Benign										
Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
*Adrenal Medulla: Pheochromocytoma Maligna		0/49 (0%)				2/50 (4%)				
Overall Incidence	Total	0/49 (0%)	Mean 0%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

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Report Date: 05/04/2011

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

			Male				Female	
*Adrenal Medulla: Pheochromocytoma: Be	nign, Complex,					2/20 (101)		
Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%
*Bone Marrow: Hemangioma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Bone Marrow: Hemangiosarcoma		1/50 (2%)				0/50 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Bone Marrow: Plasma Cell Tumor Malio	_	0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Bone: Hemangiosarcoma		2/22 (221)				2/52 (221)		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Bone: Osteoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

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		Male				Female			
	0/50 (0%)				0/50 (0%)				
Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
na									
	0/50 (0%)				0/50 (0%)				
Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
	0/50 (0%)				0/50 (0%)				
Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
			•••••						
T-1-1	` '	Marana 00/	00.00/	Tatal	` ,	Marana 00/	00.00/		
ıotaı	0/50 (0%)	Mean 0%	SD 0%	ı otal	0/50 (0%)	Mean 0%	SD 0%		
nant	4/50 /00/				0/50 (00/)				
Total	` '	Mean 2%	SD 0%	Total	` '	Mean 0%	SD 0%		
	Total	Total 0/50 (0%) na 0/50 (0%) Total 1/50 (2%)	0/50 (0%) Total 0/50 (0%) Mean 0% na 0/50 (0%) Total 0/50 (0%) Mean 0% 0/50 (0%) Total 0/50 (0%) Mean 0% 0/50 (0%) Total 0/50 (0%) Mean 0% lignant, NOS 0/50 (0%) Total 0/50 (0%) Mean 0% 1/50 (0%) Total 0/50 (0%) Total 0/50 (0%) Total 0/50 (0%)	0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% 10 10 10 10 10 10 10 10 10	Total 0/50 (0%) Mean 0% SD 0% Total Total 0/50 (0%) Mean 0% SD 0% Total Total 0/50 (0%) Mean 0% SD 0% Total O/50 (0%) SD 0% Total O/50 (0%) Mean 0% SD 0% Total O/50 (0%) Mean 0% SD 0% Total Iignant, NOS O/50 (0%) Mean 0% SD 0% Total Iignant, NOS Total 0/50 (0%) Mean 0% SD 0% Total	Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%)	Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Ilignant, NOS Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0%		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

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				Male				Female	
*Brain: Oligodendroglioma, Gliom	a, or Astrocy	toma							
		1/50	(2%)		25.00/		0/50 (0%)		05.00
Overall Incidence	Total	1/50 (2%)		Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Brain: Schwannoma Malignant									
Occupation of James	T-1-1	0/50	(0%)	Maran 00/	OD 00/	T-1-1	0/50 (0%)	Maran 00/	OD 00/
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Adenoma		0/50	(00()				0/40 (00/)		
Overall Incidence	Total	0/50 0/50 (0%)	(0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
Overall incidence		` ,					, ,		
*Clitoral/Preputial Gland: Carcinoma		0/50	(0%)				0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	(078)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Carcinoma or Adenoma									
			(0%)				0/49 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Clitoral/Preputial Gland: Hemangioma									
		0/50	(0%)				0/49 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

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Report Date: 05/04/2011

Route: SKIN

Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Clitoral/Preputial Gland: Hemangiosarcoma 0/50 (0%)0/49 (0%)0/50 (0%) **Overall Incidence** Total Mean 0% SD 0% Total 0/49 (0%) Mean 0% SD 0% #Esophagus: **Squamous Cell Carcinoma** 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Eye: Sarcoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Harderian Gland: Adenoma 8/50 (16%)5/50 (10%) **Overall Incidence** Total 8/50 (16%) Mean 16% SD 0% Total 5/50 (10%) Mean 10% SD 0% #Harderian Gland: Carcinoma 3/50 (6%)2/50 (4%)**Overall Incidence** Total 3/50 (6%) Mean 6% SD 0% Total 2/50 (4%) Mean 4% SD 0% #Harderian Gland: Carcinoma or Adenoma 11/50 (22%)7/50 (14%)

SD 0%

7/50 (14%)

Total

Mean 14%

SD 0%

Total

11/50 (22%)

Mean 22%

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

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Report Date: 05/04/2011

Route: SKIN

Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

			Male				Female			
#Harderian Gland: Sarcoma										
		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Heart: Hemangiosarcoma		(22)				(201)				
Overall Insidence	Tatal	1/50 (2%)	Mana 200/	CD 00/	Tatal	0/50 (0%)	Mann 00/	CD 00/		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Intestine Large: Cecum: Adenoma		4/50 (00/)				0/50 (001)				
O	T-1-1	1/50 (2%)	M 00/	OD 00/	T-1-1	0/50 (0%)	M 00/	OD 00/		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Intestine Large: Cecum: Carcinoma										
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
		` ,								
#Intestine Large: Cecum: Carcinoma or Adenoma										
		1/50 (2%)				0/50 (0%)				
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Intestine Large: Cecum: Leiomyoma										
- -		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Page: 300

Report Date: 05/04/2011

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

			Male				Female			
#Intestine Large: Colon/Rectum: Leiomyosarcoma 0/50 (0%) 0/50 (0%)										
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
#Intestine Small: Duodenum: Adenoma		0/50 (0%				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Intestine Small: Duodenum: Carcinoma										
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%		
#Intestine Small: Duodenum: Leiomyosarcoma		0/50 (0%				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Intestine Small: Duodenum: Polyp Adenomatous										
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
#Intestine Small: Ileum: Carcinoma	•••••									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

Page: 301

			Male			Female			
#Intestine Small: Ileum: Hemangiosarcoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Intestine Small: Ileum: Polyp Adenomatous		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Intestine Small: Jejunum: Adenoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Intestine Small: Jejunum: Carcinoma		2/50 (4%)				0/50 (0%)			
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Intestine Small: Jejunum: Hemangiosarcoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Intestine Small: Jejunum: Leiomyosarcoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

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Report Date: 05/04/2011

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

		Male				Female		
ified:								
	,	,			0/50 (0%)			
Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
ified:								
	,	,			1/50 (2%)			
	` '		SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%	
					(00)			
Total	,	,	CD 00/	Total	` ,	Maan 20/	SD 0%	
	, ,				1/50 (2%)	Viean 2%	טט עס יייייייייייייייייייייייייייייייייייי	
ified:	0/50 (0%	.)			0/50 (0%)			
Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
	0/50 (0%	o)			0/50 (0%)			
Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
ified:	0/50 (0%				0/50 (0%)			
Total	,	,	SD 0%	Total	` ,	Mean 0%	SD 0%	
	Total cified: Total Total	0/50 (0% Total 0/50 (0%) Sified: 2/50 (4%) Total 2/50 (4%) Sified: 2/50 (4%) Total 2/50 (4%) Total 0/50 (0%) Total 0/50 (0%) Sified: 0/50 (0%) Total 0/50 (0%) Sified: 0/50 (0%)	0/50 (0%) Total 0/50 (0%) Mean 0% Sified: 2/50 (4%) Total 2/50 (4%) Mean 4% Sified: 2/50 (4%) Mean 4% Sified: 0/50 (0%) Mean 0% Total 0/50 (0%) Mean 0% Sified: 0/50 (0%) Mean 0% Sified: 0/50 (0%) Mean 0%	O/50 (0%) Total O/50 (0%) Mean 0% SD 0% Sified: 2/50 (4%) Total 2/50 (4%) Mean 4% SD 0% Sified: 2/50 (4%) Mean 4% SD 0% Sified: 0/50 (0%) Mean 0% SD 0% Sified: 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Sified: 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Sified: 0/50 (0%) Mean 0% SD 0%	Total 0/50 (0%) Mean 0% SD 0% Total Total	Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Sified: 2/50 (4%) Total 2/50 (4%) Mean 4% SD 0% Total 1/50 (2%) Sified: 2/50 (4%) Mean 4% SD 0% Total 1/50 (2%) Total 2/50 (4%) Mean 4% SD 0% Total 1/50 (2%) Total 2/50 (4%) Mean 4% SD 0% Total 1/50 (2%) Sified: 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Sified: 0/50 (0%) Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Sified: 0/50 (0%) Total 0/50 (0%)	Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Fified: 2/50 (4%) Mean 4% SD 0% Total 1/50 (2%) Mean 2% Fified: 2/50 (4%) Mean 4% SD 0% Total 1/50 (2%) Mean 2% Fified: 2/50 (4%) Mean 4% SD 0% Total 1/50 (2%) Mean 2% Fified: 3/50 (4%) Mean 4% SD 0% Total 1/50 (2%) Mean 2% Fified: 3/50 (4%) Mean 4% SD 0% Total 1/50 (2%) Mean 2% Fified: 3/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Fified: 3/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Fified: 3/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Fified: 3/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% Fified: 3/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

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Report Date: 05/04/2011

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

			Male			Female			
*Islets, Pancreatic: Adenoma		0/50 (0%)				2/49 (4%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/49 (4.08%)	Mean 4.08%	SD 0%	
*Islets, Pancreatic: Carcinoma		0/50 (0%)				0/49 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%	
*Islets, Pancreatic: Carcinoma or Adenoma	•••••	0/50 (0%)				2/49 (4%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	2/49 (4.08%)	Mean 4.08%	SD 0%	
*Kidney: Renal Tubule: Adenoma		2/48 (4%)				0/49 (0%)			
Overall Incidence	Total	2/48 (4.17%)	Mean 4.17%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Carcinoma									
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	
*Kidney: Renal Tubule: Carcinoma or Adenoma		` '				0/49 (0%)	inodii 070	35 0%	
Overall Incidence	Total	2/48 (4.17%)	Mean 4.17%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 304

			Male				Female	
*Kidney: Renal Tubule: Hemangioma		242 (224)				2/12 (201)		
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Hemangiosarcoma		0/40 (00/)				0/40 (00/)		
Overall Incidence	Total	0/48 (0%) 0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Plasma Cell Tumor Malign:	ant	0/48 (0%)				0/49 (0%)		
Overall Incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Kidney: Renal Tubule: Sarcoma		0/48 (0%)			Total	0/49 (0%)	Mann 00/	SD 0%
Overall incidence	Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Liver: Fibrous Histiocytoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Liver: Hemangioma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 305

Report Date: 05/04/2011

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** *Liver: Hemangiosarcoma 2/50 (4%)0/50 (0%)**Overall Incidence** Total 2/50 (4%) Mean 4% SD 0% Total 0/50 (0%) Mean 0% SD 0% *Liver: Hepatoblastoma 5/50 (10%)0/50 (0%)**Overall Incidence** Total 5/50 (10%) Mean 10% SD 0% Total 0/50 (0%) Mean 0% SD 0% *Liver: Hepatocellular Adenoma 34/50 (68%)34/50 (68%)**Overall Incidence** Total 34/50 (68%) Mean 68% SD 0% Total 34/50 (68%) Mean 68% SD 0% *Liver: **Hepatocellular Carcinoma** 22/50 (44%)12/50 (24%)**Overall Incidence** Total Mean 44% SD 0% Total 12/50 (24%) Mean 24% SD 0% 22/50 (44%) *Liver: Hepatocellular Carcinoma or Hepatoblastoma 26/50 (52%)12/50 (24%)**Overall Incidence** Total 26/50 (52%) Mean 52% SD 0% Total 12/50 (24%) Mean 24% SD 0% *Liver: Hepatocellular Carcinoma or Hepatocellular Adenoma

SD 0%

37/50

Total

37/50 (74%)

(74%)

Mean 74%

SD 0%

Total

37/50 (74%)

Mean 74%

37/50 (74%)

Overall Incidence

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Page: 306

			Male			Female					
*Liver: Hepatocellular Carcinoma, Hepatocellular Adenoma, or Hepatoblastoma 38/50 (76%) 37/50 (74%)											
Overall Incidence	Total	38/50 (76%)	Mean 76%	SD 0%	Total	37/50 (74%)	Mean 74%	SD 0%			
*Liver: Hepatocholangiocarcinon	na										
Overall Incidence	Total	2/50 (4%) 2/50 (4%)	Mean 4%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
Liver: Hepatocholangioma		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
Liver: Ito Cell Tumor Benign		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
Liver: Ito Cell Tumor Malignant		0/50 (0%)				0/50 (0%)					
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%			
Liver: Plasma Cell Tumor Maligr	nant										
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Page: 307

Report Date: 05/04/2011

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Strain: B6C3F1 Vehicle: ACETONE

			Male				Female	
*Liver: Sarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Lung: Alveolar/Bronchiolar A	denoma							
		1/50 (2%)				3/50 (6%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	3/50 (6%)	Mean 6%	SD 0%
*Lung: Alveolar/Bronchiolar C		12/50 (24%)				2/50 (4%)		
Overall Incidence	Total	12/50 (24%)	Mean 24%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
*Lung: Alveolar/Bronchiolar C		eolar/Bronchiolar Adeno 13/50 (26%)				5/50 (10%)		
Overall Incidence	Total	13/50 (26%)	Mean 26%	SD 0%	Total	5/50 (10%)	Mean 10%	SD 0%
*Lung: Fibrosarcoma		0/50 (00/)				0/50 (00/)		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
*Lung: Fibrous Histiocytoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Vehicle: ACETONE

Page: 308

			Male			Female			
*Lung: Hemangiosarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
*Lung: Plasma Cell Tumor Maliq Overall Incidence	gnant Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
*Lung: Sarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Lymph Node: Fibrous Histiocytoma		` '		SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Lymph Node: Hemangioma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Lymph Node: Hemangiosarcoma Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Page: 309

				Male				Female	
#Lymph Node: Plasma Cell Tumor Malignaı	nt								
	T		(0%)		OD 20/	+	0/50 (0%)		OD 00/
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node: Sarcoma									
			(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node, Bronchial: Hemangiosarcoma		0/50	(00()				0(50 (00))		
Overell lesidence	Total		(0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mann 00/	SD 0%
Overall Incidence	10tai	0/50 (0%)			3D 0%	Total	0/50 (0%)	Mean 0%	3D 0%
#Lymph Node, Mandibular: Fibrous Histiocytoma		0/50	(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	(076)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Lymph Node, Mandibular: Hemangiosarcoma		0/50	(00/)				0/50 (00/)		
Overall Incidence	Total	0/50 0/50 (0%)	(0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
Overall incluence		` ,				ı Olai		IVICALI U/0	
#Lymph Node, Mandibular: Mast Cell Tumor Malignant		0/50	(00()				0(50 (00))		
Occupati la ci desce	Taral		(0%)	Maran 00/	OD 00/	Tatal	0/50 (0%)	M 00/	00.00/
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

Page: 310

			Male			Female			
#Lymph Node, Mandibular: Plasma Cell Tumor Malign	ant	0/50 (00/)							
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Lymph Node, Mesenteric: Fibrous Histiocytoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Lymph Node, Mesenteric: Hemangioma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Lymph Node, Mesenteric: Hemangiosarcoma									
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Lymph Node, Mesenteric: Plasma Cell Tumor Malign									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Mammary Gland: Adenoacanthoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 311

Report Date: 05/04/2011

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female** #Mammary Gland: Adenoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Mammary Gland: Carcinoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Mammary Gland: Carcinoma or Adenoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Mammary Gland: Fibroadenoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total Mean 0% SD 0% 0/50 (0%) **#Mammary Gland:** Fibroma, Fibroadenoma or Adenoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Mammary Gland: Fibroma, Fibroadenoma, Carcinoma, or Adenoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% SD 0% Total 0/50 (0%) Mean 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

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			Male				Female			
#Mesentery: Fibrosarcoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Mesentery: Hemangioma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Mesentery: Hemangiosarcoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
#Mesentery: Sarcoma		0/50 (0%)				0/50 (0%)				
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%		
*Nose: Hemangiosarcoma		0/50 (09/)				0/50 (09/)				
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
*Nose: Mast Cell Tumor Malignant		0/50 (00)				0(50 (00))				
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

Page: 313

			Male				Female	
#Oral Cavity (Oral Mucosa, Squamous Cell Carcinon		nx, Tooth, Gingiva):						
·		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Oral Cavity (Oral Mucosa, Squamous Cell Carcinon						0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Oral Mucosa: Squamous Cell Carcinon	na	0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Ovary: Choriocarcinoma						0/47 (0%)		
Overall Incidence					Total	0/47 (0%)	Mean 0%	SD 0%
*Ovary: Cystadenocarcinoma								
•						1/47 (2%)		
Overall Incidence					Total	1/47 (2.13%)	Mean 2.13%	SD 0%
*Ovary: Cystadenoma						1/47 (2%)		
Overall Incidence					Total	1/47 (2.13%)	Mean 2.13%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Report Date: 05/04/2011

Page: 314

	Male		Female	
*Ovary: Fibrous Histiocytoma		0/47 (0%)		
Overall Incidence	Tota	al 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor Benign				
Overall Incidence	Tota	0/47 (0%) al 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor Malignant				
Overall Incidence	Tota	0/47 (0%) al 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Granulosa Cell Tumor: Benign, Malignant, NOS				
Overall Incidence	Tota	0/47 (0%) al 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Hemangioma				
Overall Incidence	Tota	0/47 (0%) al 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Hemangiosarcoma		047 (00)		
Overall Incidence	Tota	0/47 (0%) al 0/47 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Page: 315

			Male				Female	
*Ovary: Luteoma								
Overall Incidence					Total	0/47 (0%) 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Plasma Cell Tumor Malig								
Overall Incidence					Total	0/47 (0%) 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Teratoma Benign						0/47 (00)		
Overall Incidence					Total	0/47 (0%) 0/47 (0%)	Mean 0%	SD 0%
*Ovary: Teratoma Malignant						0/47 (0%)		
Overall Incidence					Total	0/47 (0%)	Mean 0%	SD 0%
*Ovary: Tubulostromal Adenoma								
Overall Incidence					Total	0/47 (0%) 0/47 (0%)	Mean 0%	SD 0%
*Pancreas: Adenoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

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			Male				Female	
*Pancreas: Carcinoma	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%
*Pancreas: Carcinoma or Adenoma		1/50 (2%)				0/49 (0%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Pituitary Gland: Pars Distal Adenoma		ied Site:						
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	7/49 (14%) 7/49 (14.29%)	Mean 14.29%	SD 0%
*Pituitary Gland: Pars Distal Carcinoma						0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Pituitary Gland: Pars Distal Carcinoma or Adenoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	7/49 (14%) 7/49 (14.29%)	Mean 14.29%	SD 0%
*Pituitary Gland: Pars Interm Adenoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

Page: 317

			Male				Female	
*Pituitary Gland: Pars Interm Carcinoma or Adenoma	nedia:							
		0/50 (0%)				0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Prostate: Adenoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%				
		, ,						
*Prostate: Carcinoma or Adenoma		0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%				
*Prostate: Hemangioma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%				
*Salivary Glands: Adenoma								
		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
*Salivary Glands: Carcinoma or Adenoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
		` '				` ,		30 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

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			Male			Female			
*Salivary Glands: Mast Cell Tumor Malignan	t	0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Seminal Vesicle: Adenoma		0/50 (00/)							
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%					
#Skeletal Muscle: Fibrosarcoma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Skeletal Muscle: Hemangiosarcoma		0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Skeletal Muscle: Myxosarcoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Skeletal Muscle: Rhabdomyosarcoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE Page: 319

Report Date: 05/04/2011

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Male **Female #Skeletal Muscle:** Rhabdomyosarcoma or Rhabdomyoma 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% **#Skeletal Muscle:** Sarcoma 0/50 (0%)2/50 (4%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 2/50 (4%) Mean 4% SD 0% #Skin: Basal Cell Adenoma or Basosquamous Tumor Benign 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Skin: Basal Cell Adenoma, Basosquamous Tumor Benign, or Trichoepithelioma 0/50 (0%)0/50 (0%)Overall Incidence Total 0/50 (0%) Mean 0% SD 0% Total Mean 0% SD 0% 0/50 (0%) #Skin: **Basal Cell Carcinoma** 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% #Skin: Basal Cell Carcinoma or Basosquamous Tumor (malignant or NOS) 0/50 (0%)0/50 (0%)**Overall Incidence** 0/50 (0%) Mean 0% SD 0% SD 0% Total Total 0/50 (0%) Mean 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

#Skin:

#Skin:

#Skin: **Fibroma**

#Skin:

#Skin:

Overall Incidence

Fibrosarcoma

Overall Incidence

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

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Report Date: 05/04/2011

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

Male **Female** Basal Cell Carcinoma, Basal Cell Adenoma, Basosquamous Tumor (benign, malignant or NOS), or Trichoepithelioma 0/50 0/50 (0%)(0%)**Overall Incidence** 0/50 (0%) SD 0% SD 0% Total Mean 0% Total 0/50 (0%) Mean 0% Basal or Sq. Cell Carcinoma, Carcinoma, Basosq. Tumor (M or B), Basal Cell Adenoma, Adenoma, Papilloma, Sq Papilloma, Keratoacanthoma, Trichoepithelioma 1/50 (2%)**Overall Incidence** Total 1/50 (2%) Mean 2% SD 0% Total 1/50 (2%) Mean 2% SD 0% **Basosquamous Tumor Benign** 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% 0/50 (0%)0/50 (0%)**Overall Incidence** Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% Fibroma, Fibrosarcoma, Sarcoma, Myxoma, Myxosarcoma, or Fibrous Histiocytoma

SD 0%

SD 0%

4/50

3/50

3/50 (6%)

4/50 (8%)

Total

Total

(8%)

(6%)

Mean 8%

Mean 6%

SD 0%

SD 0%

Total

Total

0/50

0/50 (0%)

0/50 (0%)

(0%)

(0%)

Mean 0%

Mean 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

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Report Date: 05/04/2011

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

			Male				Female	
#Skin: Fibrosarcoma, Sarcoma	ı, Myxosarcoma	, or Fibrous Histiocytoma	1					
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	4/50 (8%) 4/50 (8%)	Mean 8%	SD 0%
#Skin: Fibrous Histiocytoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Granular Cell Tumor Be	nign	0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Hemangioma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Hemangiosarcoma		2/50 (4%)				2/50 (4%)		
Overall Incidence	Total	2/50 (4%)	Mean 4%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%
#Skin: Keratoacanthoma		0/50 (00/)				0/50 /00/		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Toxicology Data Management System

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Report Date: 05/04/2011

Contract/Lab: All Laboratories

Species: MICE Strain: B6C3F1

Length of Study: CHRONIC

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

			Male				Female	
#Skin: Lipoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Mast Cell Tumor Benign		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Mast Cell Tumor Malignant						0/50 (09/)		
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Skin: Melanoma Benign		0/50 (0%)				1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Skin: Melanoma Malignant		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Myxosarcoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

#Skin:

#Skin:

#Skin:

#Skin:

#Skin:

#Skin: Sarcoma

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Vehicle: ACETONE

Route: SKIN

Length of Study: CHRONIC

Neural Crest Tumor

Overall Incidence

Overall Incidence

Overall Incidence

Overall Incidence

Osteosarcoma

Overall Incidence

Overall Incidence

.....

Contract/Lab: All Laboratories

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Report Date: 05/04/2011

Male **Female** 0/50 (0%)1/50 (2%)Total 0/50 (0%) Mean 0% SD 0% Total 1/50 (2%) Mean 2% SD 0% Neurofibroma or Schwannoma benign 0/50 (0%)0/50 (0%)Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% Neurofibrosarcoma or Schwannoma (malignant or NOS) 0/50 0/50 (0%)0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0% Total Neurofibrosarcoma, Neurofibroma, or Schwannoma (benign, malignant or NOS) 0/50 (0%)0/50 (0%)Total 0/50 (0%) Mean 0% SD 0% Total Mean 0% SD 0% 0/50 (0%) 0/50 (0%)0/50 (0%)Total 0/50 (0%) Mean 0% SD 0% Total 0/50 (0%) Mean 0% SD 0%

Total

1/50

1/50 (2%)

(2%)

Mean 2%

SD 0%

Total

0/50

0/50 (0%)

(0%)

Mean 0%

SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

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			Male				Female	
#Skin: Schwannoma Benign								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
	ı Olal				ı Olai		IVIEAN 076	3D 0%
#Skin: Schwannoma Malignant						44-1		
	-	0/50 (0%)	14 00/	00.007	-	0/50 (0%)	NA 00/	00.00/
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Squamous Cell Carcinom or Carcinoma	na, Basal Cell C	Carcinoma, Basosquamo	ous Tumor (malignar	nt or NOS),		0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Squamous Cell Papilloma	a	1/50 (2%)				1/50 (2%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Skin: Squamous Cell Papilloma								
Overall Incidence	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%
#Skin: Squamous Cell Papilloma		quamous Cell Carcinom						
		1/50 (2%)				1/50 (2%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Report Date: 05/04/2011

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			Male				Female	
#Skin: Squamous Cell Papilloma	, Papilloma, o	r Keratoacanthoma 1/50 (2%)				1/50 (2%)		
Overall Incidence	Total	1/50 (2%)	Mean 2%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Skin: Trichoepithelioma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Sebaceous Gland: Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Sebaceous Gland: Carcinoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Skin: Sebaceous Gland: Carcinoma or Adenoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Spinal Cord: Hemangiosarcoma		0/50 (0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

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Report Date: 05/04/2011

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

			Male			Female			
#Spinal Cord: Meningioma Malignant Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
*Spleen: Fibrous Histiocytoma Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	
*Spleen: Hemangioma Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	
*Spleen: Hemangiosarcoma Overall Incidence	Total	4/49 (8%) 4/49 (8.16%)	Mean 8.16%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	
*Spleen: Mast Cell Tumor Malignant Overall Incidence	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	
*Spleen: Plasma Cell Tumor Maligna Overall Incidence		0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	Total	0/49 (0%) 0/49 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Contract/Lab: All Laboratories Tumor Incidence for Selected

Tumor Incidence for Selected Control Animal Groups

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Report Date: 05/04/2011

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

			Male			Female			
#Stomach, Forestomach: Mast Cell Tumor Malignant	t	2/20 (201)				(201)			
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Stomach, Forestomach: Squamous Cell Carcinoma	1	0/50 (0%)				0/50 (0%)			
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%	
#Stomach, Forestomach: Squamous Cell Carcinoma		a Squamous 3/50 (6%)				2/50 (4%)			
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%	
#Stomach, Forestomach: Squamous Cell Papilloma		3/50 (6%)				2/50 (4%)			
Overall Incidence	Total	3/50 (6%)	Mean 6%	SD 0%	Total	2/50 (4%)	Mean 4%	SD 0%	
#Stomach, Glandular: Adenoma									
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	
#Stomach, Glandular: Carcinoma or Adenoma		0/50 /09/				0/50 (09/)			
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

Page: 328

		Male			Female				
Total	1/50 (2%)	Moon 20/	SD 00/						
TOTAL	1/50 (2%)	iviean 2%	3D 0%						
	0/49 (09/)				0/47 (00/)				
Total	0/48 (0%)	Mean 0%	SD 0%	Total	0/47 (0%)	Mean 0%	SD 0%		
							•••••		
	0/48 (0%)				1/47 (2%)				
	` '		SD 0%		` ,		SD 0%		
ant, NOS									
Total	0/48 (0%)	Mean 0%	SD 0%	Total	1/47 (2.13%)	Mean 2.13%	SD 0%		
	` '				` '				
	0/50 (0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%		
	0/50 (0%)				0/49 (0%)				
Total	` '	Mean 0%	SD 0%	Total	` '	Mean 0%	SD 0%		
	Total Total ant, NOS	Total 1/50 (2%) O/48 (0%) Total 0/48 (0%) O/48 (0%) Total 0/48 (0%) Ant, NOS O/48 (0%) Total 0/48 (0%) Total 0/48 (0%) Total 0/50 (0%) O/50 (0%)	1/50 (2%) Total 1/50 (2%) Mean 2% 0/48 (0%) Total 0/48 (0%) Mean 0% 0/48 (0%) Total 0/48 (0%) Mean 0% ant, NOS 0/48 (0%) Total 0/48 (0%) Mean 0% Total 0/48 (0%) Mean 0% Total 0/50 (0%) Total 0/50 (0%) 0/50 (0%)	Total 1/50 (2%) Mean 2% SD 0% Total	Total 1/50 (2%) Mean 2% SD 0% Total 0/48 (0%) Mean 0% SD 0% Total 0/48 (0%) Mean 0% SD 0% Total 0/48 (0%) Mean 0% SD 0% Total ant, NOS 0/48 (0%) Mean 0% SD 0% Total 0/48 (0%) Total 0/48 (0%) SD 0% Total 0/50 (0%) Mean 0% SD 0% Total	Total 1/50 (2%) Total 1/50 (2%) Mean 2% SD 0% O/48 (0%)	Total 1/50 (2%) Total 1/50 (2%) Mean 2% SD 0% Total 0/48 (0%) Total 0/48 (0%) Mean 0% SD 0% Total 0/47 (0%) Mean 0% SD 0% Total 0/47 (0%) Mean 0% Total 0/47 (0%) Mean 0% Total 1/47 (2%) Total 0/48 (0%) Mean 0% SD 0% Total 1/47 (2.13%) Mean 2.13% Ant, NOS Total 0/48 (0%) Total 0/48 (0%) Total 0/48 (0%) Mean 0% SD 0% Total 1/47 (2.13%) Mean 2.13% Total 0/50 (0%) Mean 0% SD 0% Total 0/49 (0%) Mean 0% O/50 (0%) Mean 0% SD 0% Total 0/49 (0%) Mean 0% O/50 (0%) Mean 0% O/50 (0%) Mean 0% O/50 (0%) Mean 0% O/50 (0%) O/50 (0%) O/50 (0%)		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Page: 329

Report Date: 05/04/2011

Route: SKIN

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Vehicle: ACETONE

				Male				Female	
*Thyroid Gland: Follicular Cell: Adenoma									
		0/50	(0%)				0/49 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Thyroid Gland: Follicular Cell: Carcinoma									
			(0%)				0/49 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
*Thyroid Gland: Follicular Cell: Carcinoma or Adenoma			(0%)				0/49 (0%)		
Overall Incidence	Total	0/50 (0%)	(0%)	Mean 0%	SD 0%	Total	0/49 (0%)	Mean 0%	SD 0%
#Tissue NOS: Fibrosarcoma		0/50	(0%)				1/50 (2%)		
Overall Incidence	Total	0/50 (0%)	(076)	Mean 0%	SD 0%	Total	1/50 (2%)	Mean 2%	SD 0%
#Tissue NOS: Hemangiosarcoma									
			(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%
#Tissue NOS: Plasma Cell Tumor Malignan	t								
_		0/50	(0%)				0/50 (0%)		
Overall Incidence	Total	0/50 (0%)		Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Contract/Lab: All Laboratories

Page: 330

			Male				Female					
#Tissue NOS: Sarcoma 0/50 (0%) 0/50 (0%)												
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%				
#Tongue: Fibroma												
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%				
#Tongue: Squamous Cell Carcinoma		0/50 (0%)				0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				
#Tongue: Squamous Cell Carcinoma	or Papilloma	a Squamous 0/50 (0%)				0/50 (0%)						
Overall Incidence	Total	0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%)	Mean 0%	SD 0%				
#Tooth: Odontoma		0/50 (00()				0/50 (00/)						
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%				
*Urinary Bladder: Hemangiosarcoma		0/47 (0%)				0/48 (0%)						
Overall Incidence	Total	0/47 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%				

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Vehicle: ACETONE

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			Male				Female				
*Urinary Bladder: Plasma Cell Tumor Malignant 0/47 (0%) Overall Incidence Total 0/47 (0%) Mean 0% SD 0% Total 0/48 (0%) Mean 0% SD 0%											
Overall Incidence		0/47 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%			
*Urinary Bladder: Sarcoma		0/47 (0%)				0/48 (0%)					
Overall Incidence	Total	0/47 (0%)	Mean 0%	SD 0%	Total	0/48 (0%)	Mean 0%	SD 0%			
#Uterus: Adenoma											
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
tUterus: Carcinoma											
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
#Uterus: Hemangiosarcoma											
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			
#Uterus: Leiomyoma											
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%			

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN Vehicle: ACETONE

Length of Study: CHRONIC

Page: 332

	Male		Female				
#Uterus: Leiomyosarcoma							
Overall Incidence		Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
#Uterus: Polyp Stromal							
Overall Incidence		Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
#Uterus: Sarcoma							
Overall Incidence		Total	1/50 (2%) 1/50 (2%)	Mean 2%	SD 0%		
#Uterus: Sarcoma Stromal							
Overall Incidence	-	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
#Uterus: Sarcoma Stromal or Polyp Stromal							
Overall Incidence		Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		
#Uterus: Schwannoma Malignant							
Overall Incidence	-	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%		

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied

Species: MICE

Strain: B6C3F1

Toxicology Data Management System

Tumor Incidence for Selected Control Animal Groups

Route: SKIN

Length of Study: CHRONIC

Vehicle: ACETONE

Page: 333

			Male				Female	
#Vagina: Liposarcoma						0/50 (00/)		
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Vagina: Squamous Cell Papilloma								
Overall Incidence					Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%
#Zymbal's Gland: Carcinoma or Adenoma								
Overall Incidence	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%	Total	0/50 (0%) 0/50 (0%)	Mean 0%	SD 0%

^{*:} Denominator is number of animals with tissues examined microscopically

^{#:} Denominator is number of animals necropsied